

# Actuator

03-  
624.011

Distribution by  
Mouser



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Your product:

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## 03-624.011 Actuator

### FRONT

|                       |             |
|-----------------------|-------------|
| Front form:           | rectangular |
| Front bezel colour:   | Black       |
| Front bezel material: | Plastic     |

### MOUNTING

|                   |                   |
|-------------------|-------------------|
| Design:           | flush             |
| Mounting cut-out: | 21.2 mm x 41.2 mm |
| Mounting type:    | Panel mounting    |

### OPERATING-/INDICATION PART

|                    |              |
|--------------------|--------------|
| Lens illumination: | illuminative |
|--------------------|--------------|

### ELECTRICAL CHARACTERISTICS

|   |   |
|---|---|
| <b>Contacts:</b>                                | 2 C   |
| <b>Switching voltage and switching current:</b> | according to UL<br>250 VAC, 10 A<br>according to IEC 60947-5-1<br>AC-12: 400 V, 10 A<br>AC-15: 250 V, 8 A<br>DC-13: 60 V, 1 A<br>AC-15: 400 V, 6 A<br>DC-13: 110 V, 0.4 A<br>DC-13: 24 V, 3 A |
| <b>Rated insulation voltage Ui:</b>             | 400 VAC/440 VDC according to IEC 60947-5-1  |
| <b>Switching rating:</b>                        | 400 V @ 10 A  |
| <b>Electric strength:</b>                       | 2500 VAC, 50 Hz, 1 minute, as per IEC 60947-5-1 between all terminals and earth   |
| <b>Standards:</b>                               | The switches comply with the "Standards for low-voltage switching devices" EN IEC 60947-5-1   |
| <b>Thermal current Ith:</b>                     | 10 A  |

## MECHANICAL CHARACTERISTIC

|                             |   |
|-----------------------------|---|
| <b>Terminal:</b>            | Screw terminal  |
| <b>Contact material:</b>    | Silver  |
| <b>Switching action:</b>    | Momentary   |
| <b>Switching system:</b>    | Snap-action switching element   |
| <b>Switching system:</b>    | 1 or 2 self-cleaning snap action switching elements.<br>1 or 2 double-throw contacts. |
| <b>Mechanical lifetime:</b> | 2 Mio. cycles of operation  |
| <b>Operating force:</b>     | 6 ... 12 N  |
| <b>Operating Travel:</b>    | ca. 5 mm  |
| <b>Tightening torque:</b>   | Fixing sleeve max. 0.2 Nm, Screw terminal 0.8 Nm                                      |
| <b>Weight:</b>              | 0.08 kg   |

## AMBIENT CONDITION

|                               |   |
|-------------------------------|---|
| <b>IP Protection:</b>         | IP40 front side, IP65 with spray cover, according to IEC 60529                |
| <b>Operating temperature:</b> | – 25 °C ... + 55 °C, mounted as a block, make sure the heat can escape freely |
| <b>Storage temperature:</b>   | – 30 °C ... + 85 °C   |
| <b>Shock resistance:</b>      | 15 g for 11 ms, according to IEC 60068-2-27                                   |
| <b>Vibration resistance:</b>  | 10 g at 10 Hz...2000 Hz, amplitude 1.0 mm, according to IEC 60068-2-6         |

## CERTIFICATE

**Approbations:**

CB (IEC 61058-1), CSA, DNV, UL

**Conformities:**

CE, UKCA, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

**REACH:**

REACH compliant

**RoHS:**

RoHS compliant

**OTHER**

**Short Description:**

Actuator, 21.2 mm x 41.2 mm, illuminative, rectangular, Black, Plastic, 2 C, Momentary, Screw terminal

**Housing colour:**

Black

**Housing material:**

Plastic

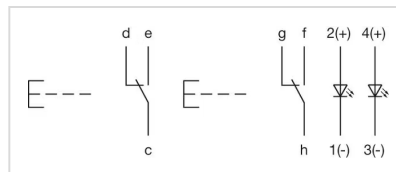
**Product attributes:**

Has two independent lamp bases, has independent changeover

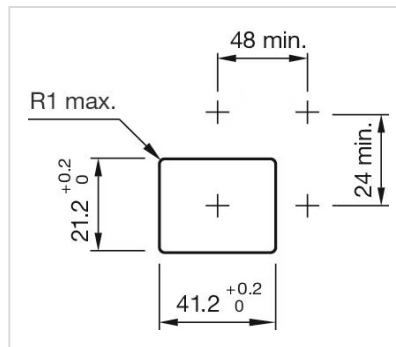
**Hints:**

Has two independent lamp bases, For LED element fitting information see Application guidelines, LED polarity

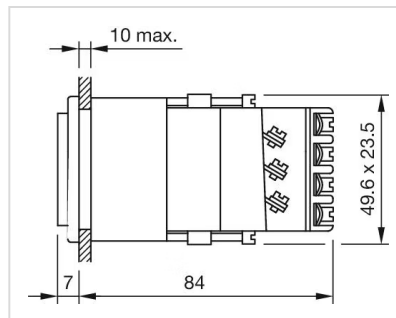
**Wiring diagrams:**



**Mounting cut-outs:**



**Dimension drawings:**



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